JOB OPPORTUNITY

NETWORK APPLICATIONS DEVELOPER
CL 29

The Network Applications Developer is responsible for developing and programming large, multi-user network systems and applications for the United States Court of Appeals for the District of Columbia Circuit. The Network Applications Developer serves as the Court's primary automation expert for Intranet and Internet site development and administration. In addition, this position is responsible for providing office automation support, systems integration and systems security duties.

Representative Duties

The duties performed by the Network Applications Developer include, but are not limited to the following:

- ❑ Works with users to assess automation needs and defines objectives in the areas of data processing, office automation, data communications, network services and public access systems;
- ❑ Designs, develops, and programs local office automation software, multi-user network applications, data communications and security programs. Tests and installs software. Advises technical staff and users on application functions and uses;
- ❑ Devises mechanisms, procedures, and systems to integrate automated systems and applications. Devises methods of linking interacting systems and processes which overlap or cross-functional boundaries;
- ❑ Designs, implements, and maintains software applications and systems for Internet and Intranet use. Administers and enhances Internet and Intranet sites, including creating graphical interfaces, programming interactive systems, and administering web servers and other equipment and software used for Internet/Intranet access;
- ❑ Develops, installs, and maintains network and data communications applications, including software to facilitate remote access and network security;
- ❑ Develops software and implements processes for extracting and importing data from existing database systems and for transferring and converting data among different systems;
- ❑ Prepares and maintains technical documentation of locally developed software, including preparation of user training and instructional materials;
- ❑ Modifies, enhances, customizes and maintains existing automated systems and commercially available software;
- ❑ Serves as a graphical designer, using state-of-the-art automation equipment and programs to create and enhance graphical images and layouts for publications, automated presentations, and web use;
- ❑ Researches, analyzes, and tests software, including commercially available programs and hardware capabilities to meet identified needs;
- ❑ Provides technical advice and automation support to users and automation specialists. Acts as a technical expert in solving computer system problems; and
- ❑ Administers other day-to-day operations associated with PC-based systems and

network operations.

Job Requirements

Expert knowledge of programming languages and programming techniques is required, including extensive experience programming in Visual Basic. Applicants must have a thorough knowledge of systems libraries, setup and installation. UNIX and C/C++ programming skills are preferred. Demonstrated ability to develop large, multi-user applications to operate on computer networks is essential. Applicants must have expert-level experience designing, implementing, operating and documenting data automation systems. A proven ability to perform systems analysis, systems integration, and hardware and software evaluations is needed.

Applicants must have extensive hands-on experience developing and administering Intranet and Internet sites, web pages, applications and systems using JAVA, HTML coding and design, Netscape and Internet Explorer browsers. Proficiency using CGI, Perl, Oracle, and SQL is desirable. Skill in designing and enhancing graphics using tools such as desktop publishing software, graphics programs, scanners and other imaging equipment is required. Applicants must have in-depth technical knowledge of network and data communications systems, including Novell, Windows NT, and UNIX. Thorough knowledge of network security applications and techniques, including hands-on experience working with firewalls, is required. The ability to analyze and diagnose complex system problems and to understand and develop complex rules for screening access to data is critical. Applicants must have experience working with and supporting Windows 95, cc:Mail and WordPerfect and must have extensive experience providing direct user support.

Knowledge of the functions, processes and operations of the Court of Appeals is necessary. Applicants must have excellent communications and organizational skills.

Qualifications

Specialized Experience: Eligibility for this positions requires at least three years of specialized experience, including at least one year equivalent to work at the CL-28 level. For placement at salary levels above the minimum, more than one year specialized experience equivalent to work at the CL-28 level is required. Specialized experience is progressively responsible experience related to the technical aspects of data processing, office automation, data communications, networking and their applications, terminology and methodology, including the accomplishment of computer project assignments that involve systems analysis, design, programming, implementation, integration and management.

Salary: CL 29 ($43,704 - $71,017), depending upon qualifications.

To Apply: Send a detailed resume, SF 171, or AO 79 to:

The Office of the Circuit Executive
Room 4826
E. Barrett Prettyman U.S. Courthouse
333 Constitution Avenue, NW
Washington, D.C. 20001

<u>Closing Date</u>: This position is open until filled.